

FIG. 1 PRIOR ART

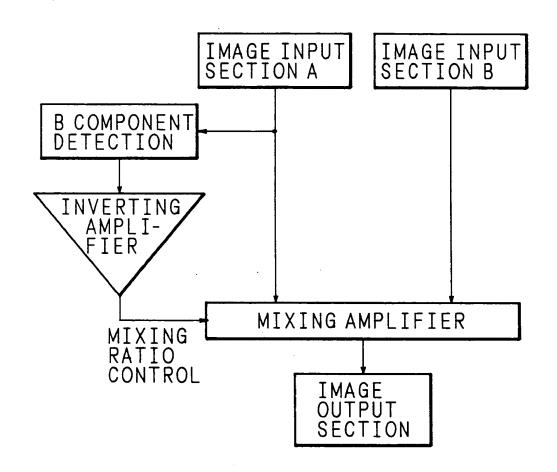




FIG. 2

IMAGE-INPUT FROM CAPTURING TOOL

↓
IMAGE SEQUENCE OF ACTUAL SCENE

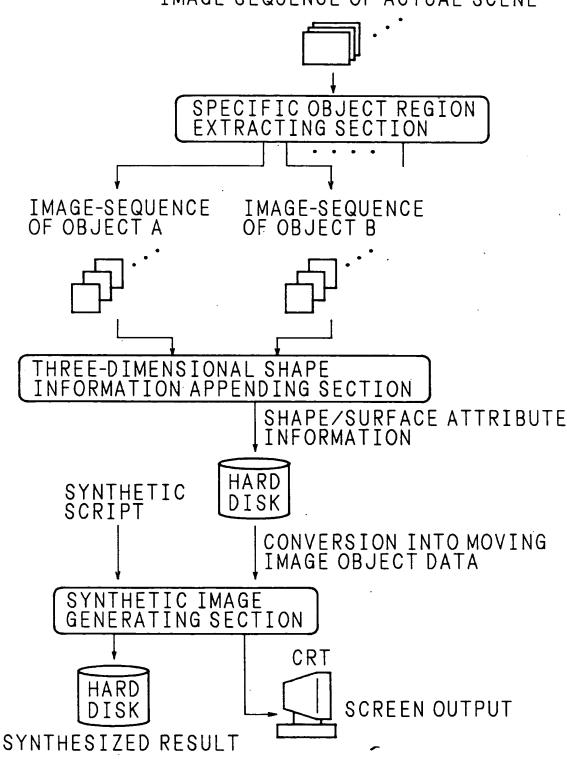
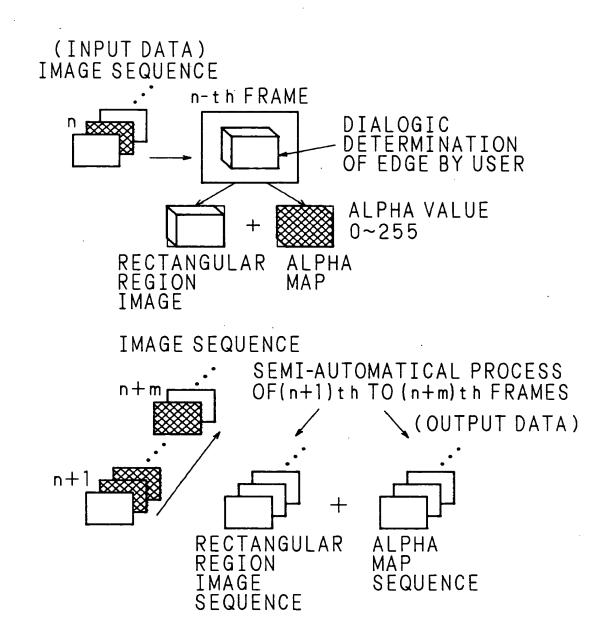
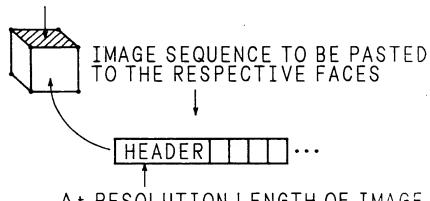


FIG. 3



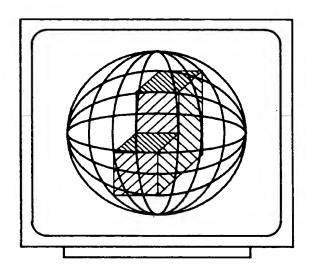
• SHAPE DATA(TOP LIST.SURFACE LIST) • SURFACE ATTRIBUTE DATA	
SURFACE	IMAGE SEQUENCE POINTER IMAGE HEADER
0	IMAGE HEADER
2	COLOR VALUE

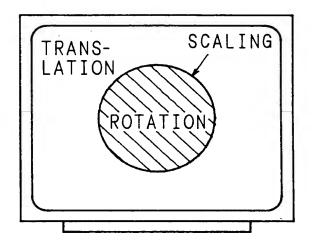
DESIGNATION OF SUITABLE COLOR



Δt, RESOLUTION, LENGTH OF IMAGE

FIG. 5





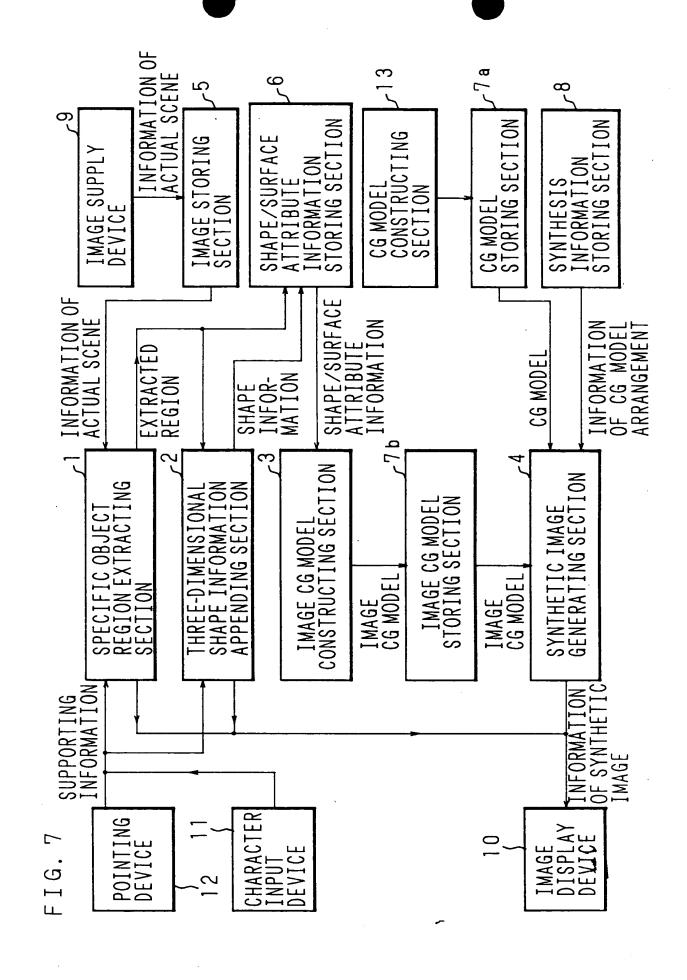


FIG. 8

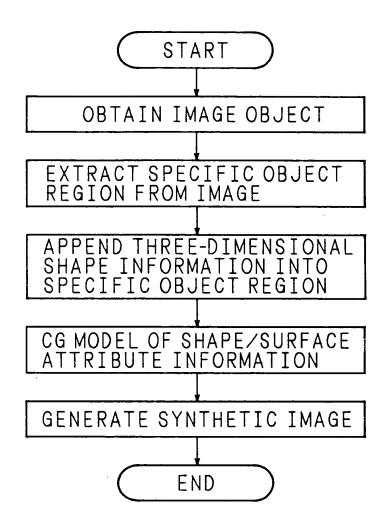


FIG. 9

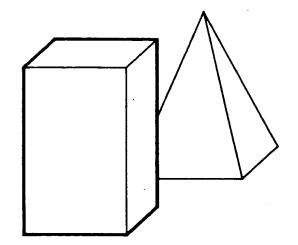


FIG. 10

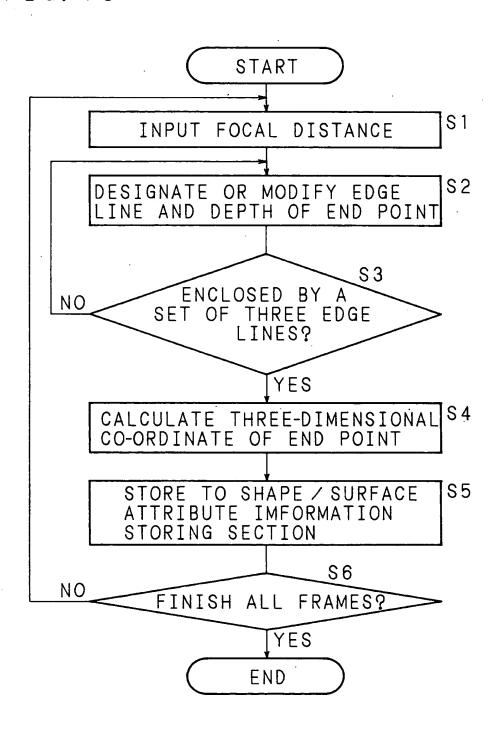


FIG. 11

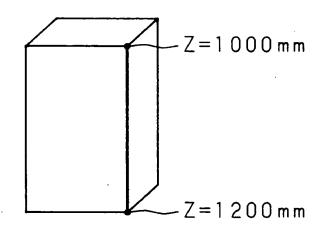


FIG. 12

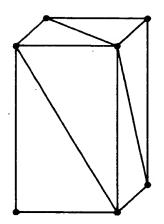


FIG. 13

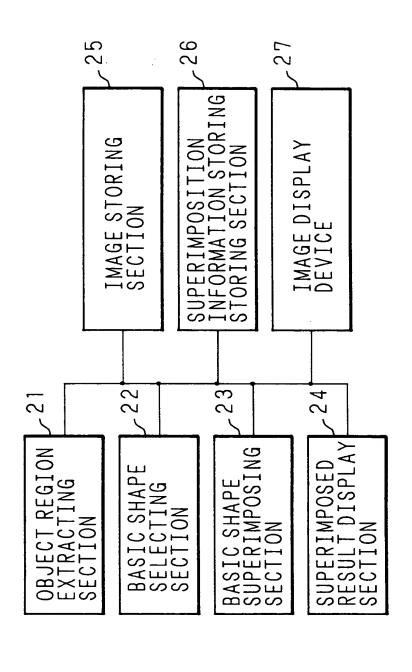


FIG. 14

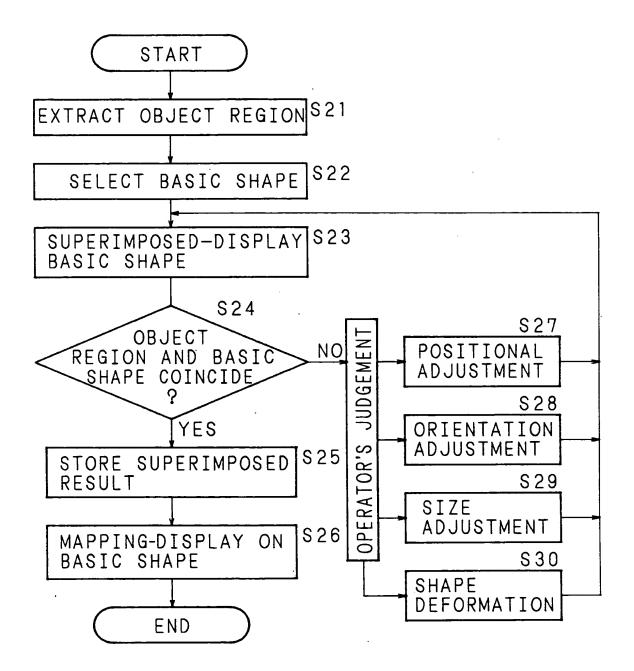


FIG. 15

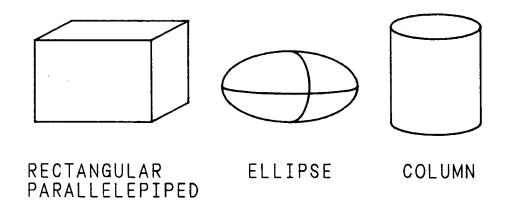


FIG. 16

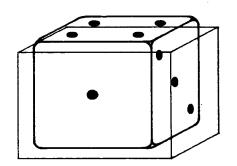


FIG. 17A

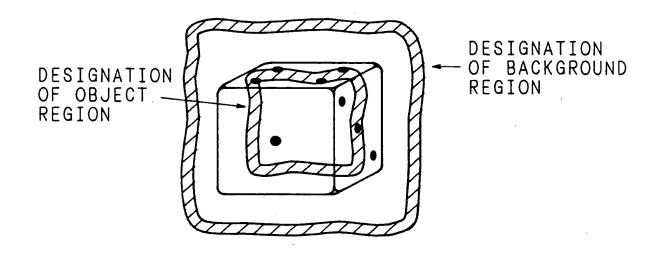
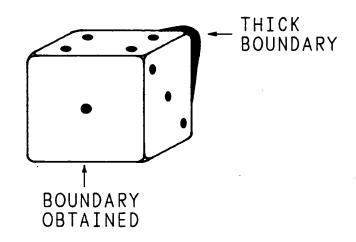


FIG. 17B



•

FIG. 18

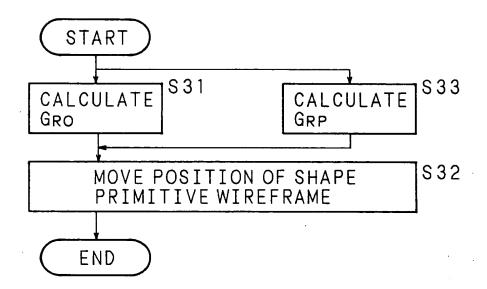


FIG. 19A

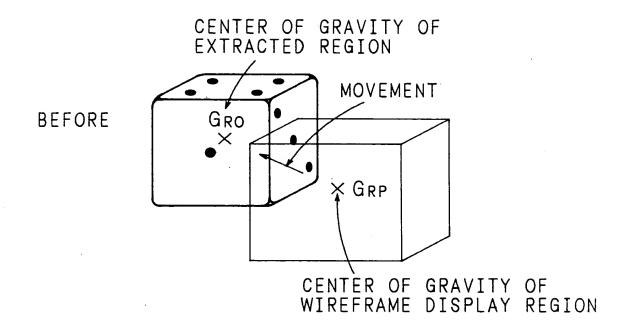


FIG. 19B

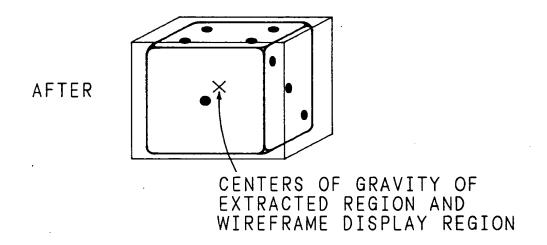
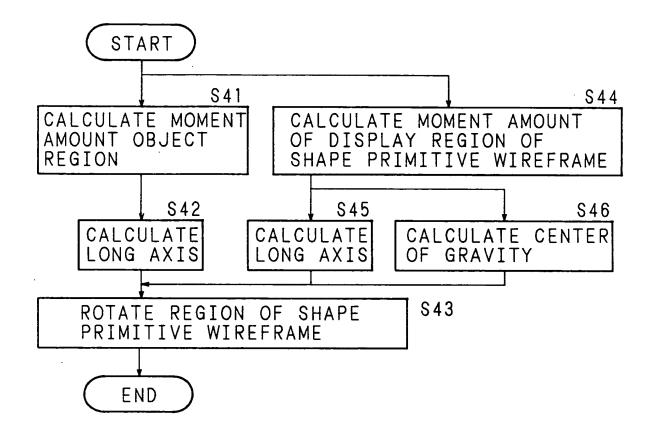
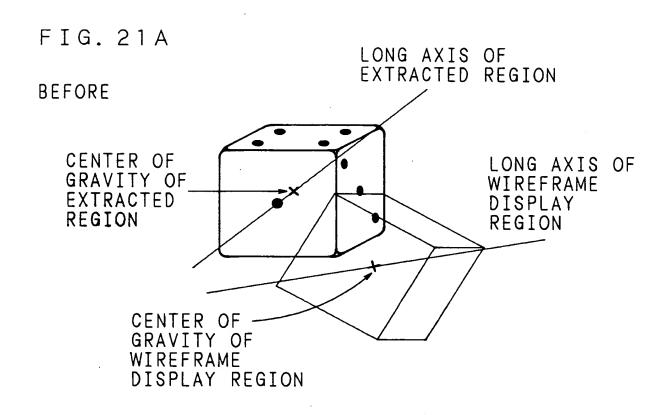


FIG. 20





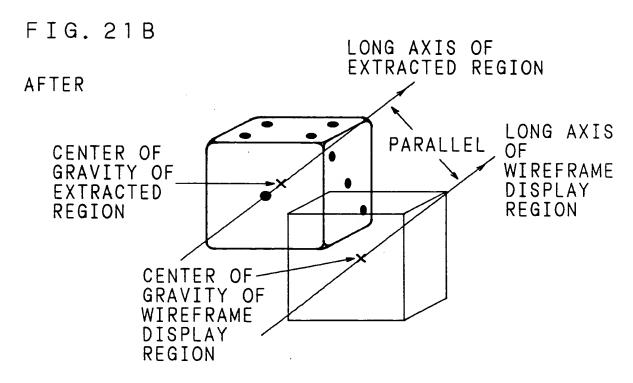


FIG. 22

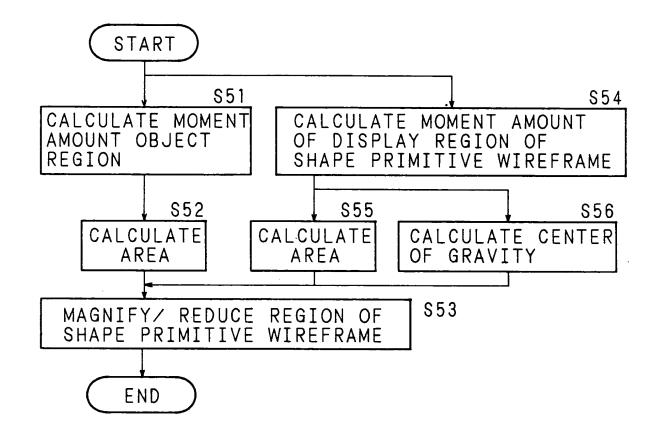


FIG. 23A

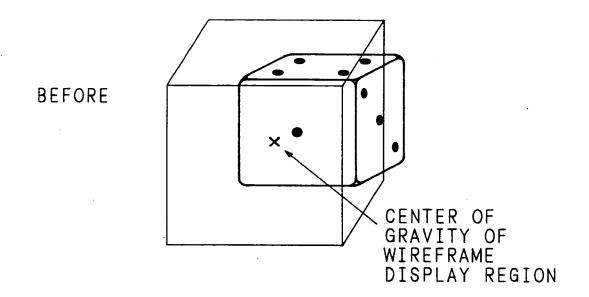
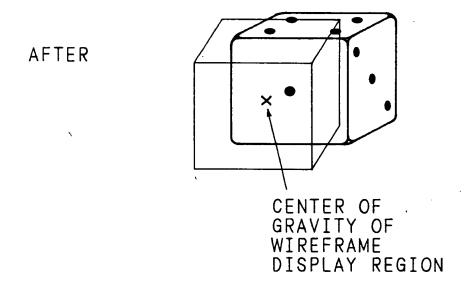


FIG. 23B



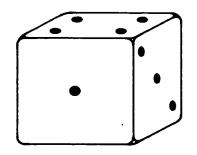


FIG. 25

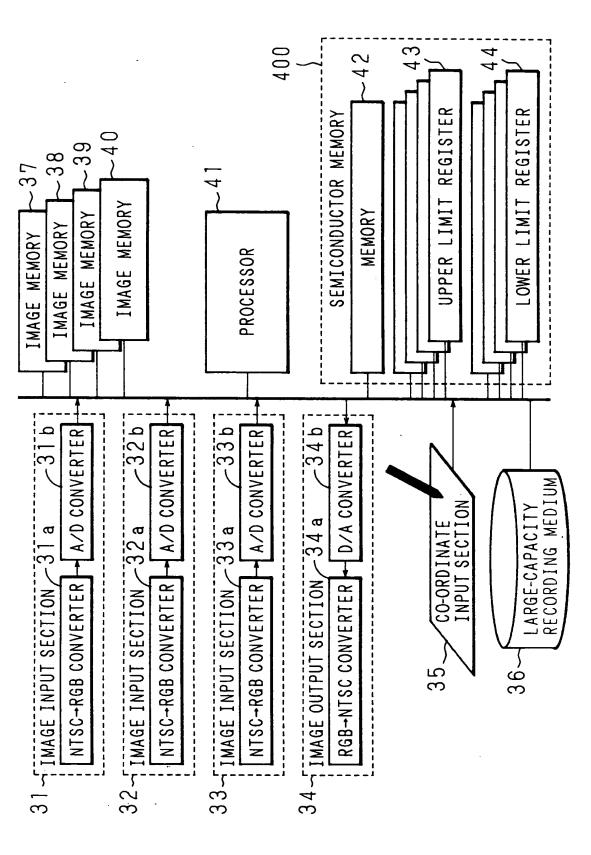
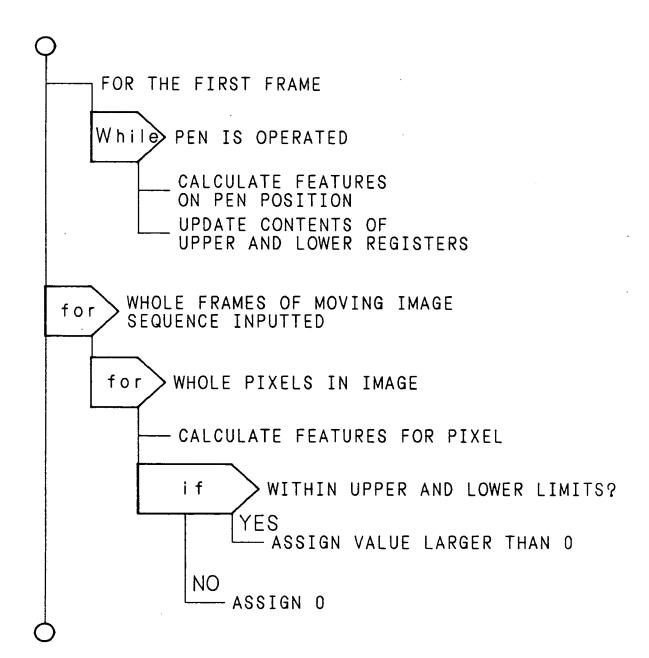
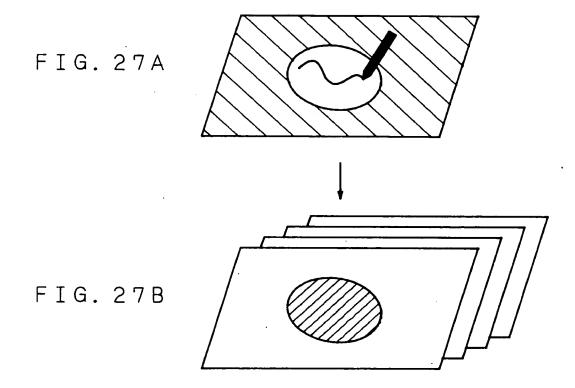


FIG. 26





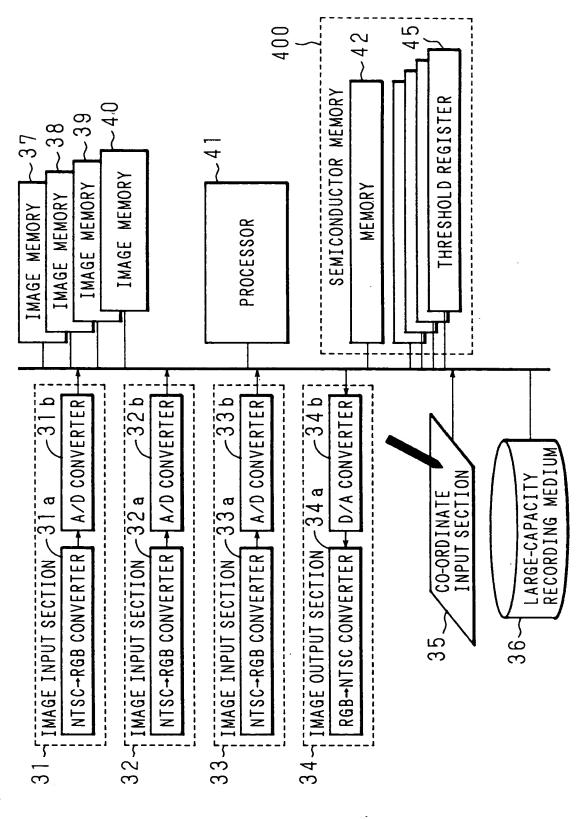
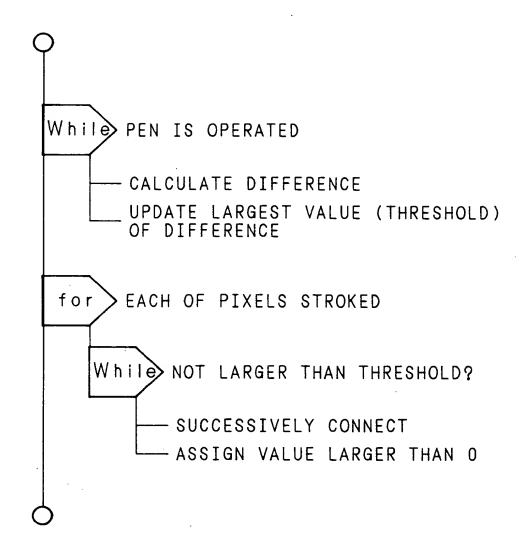
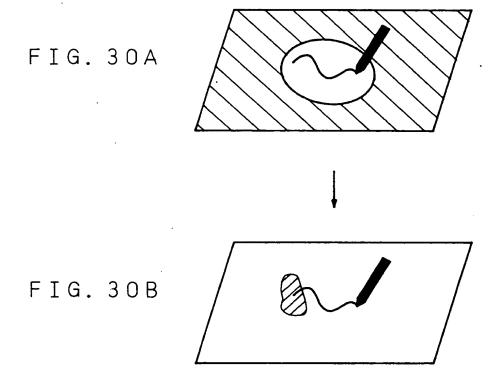


FIG. 28

FIG. 29





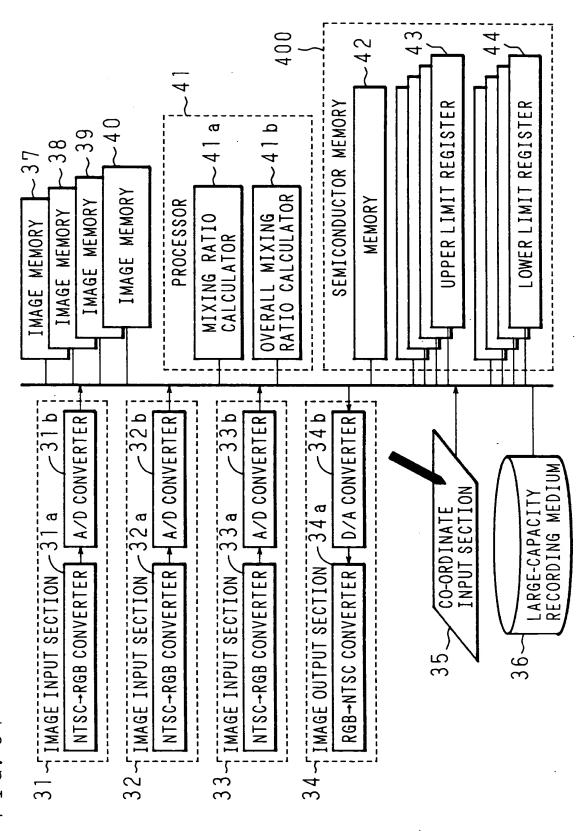
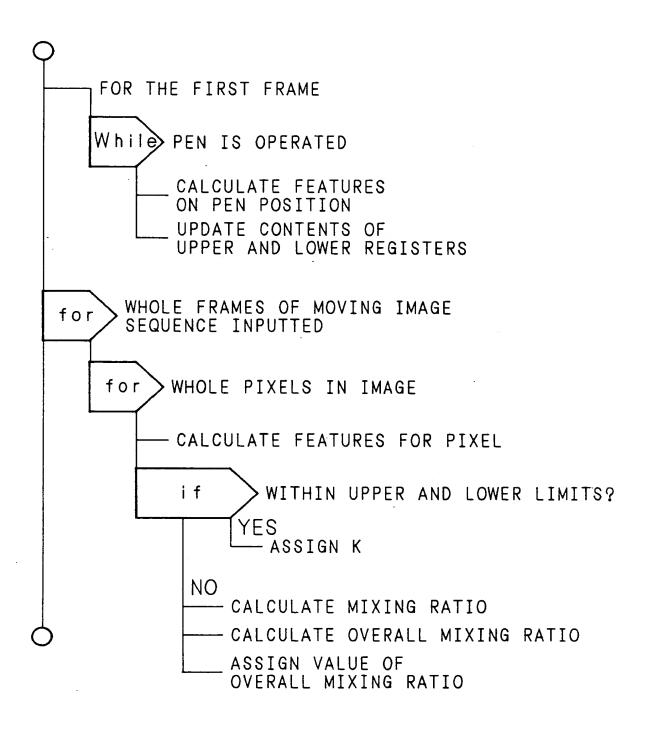
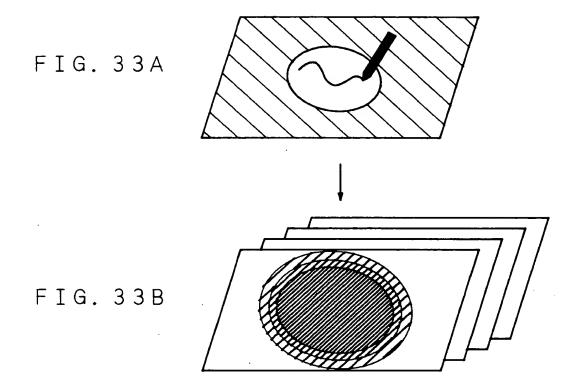
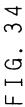


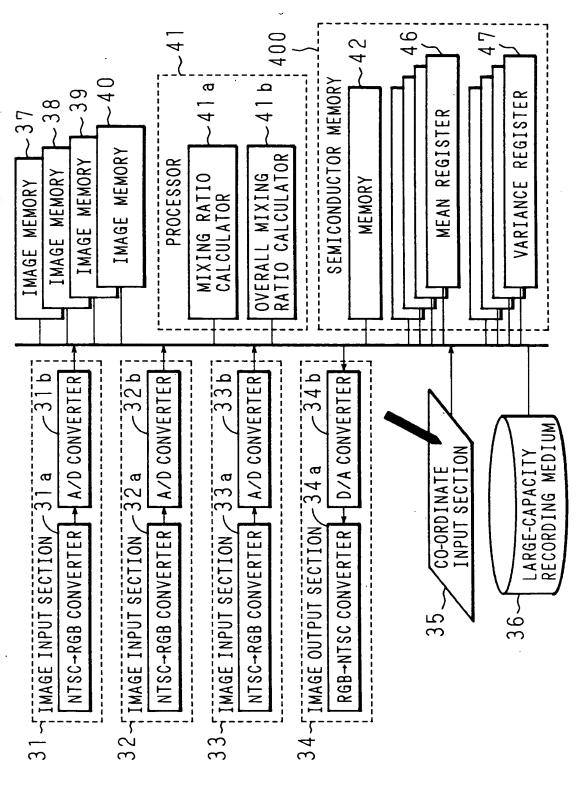
FIG. 31

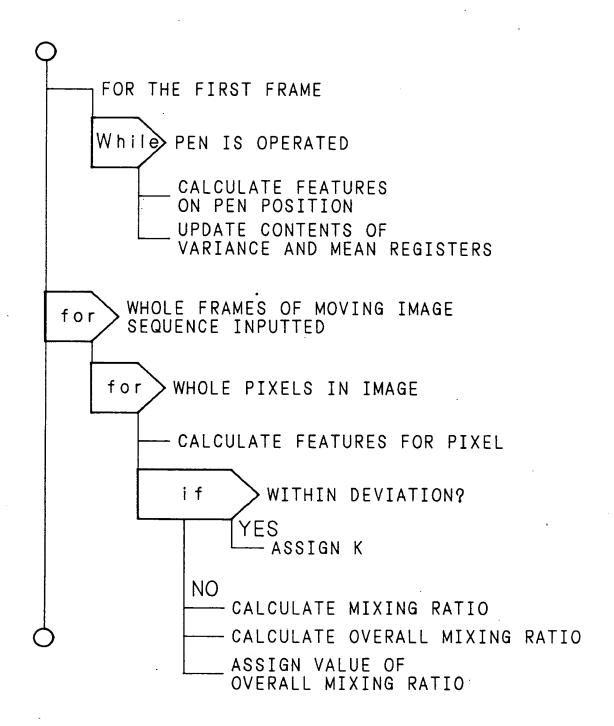
FIG. 32

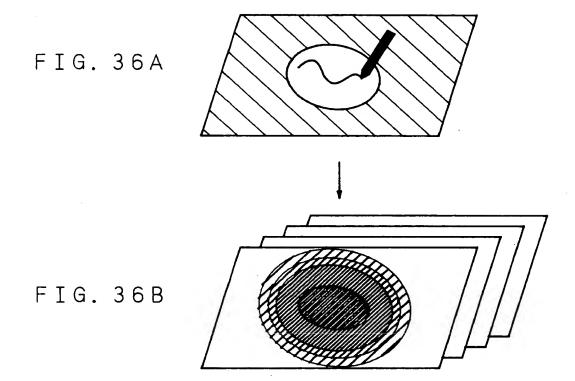












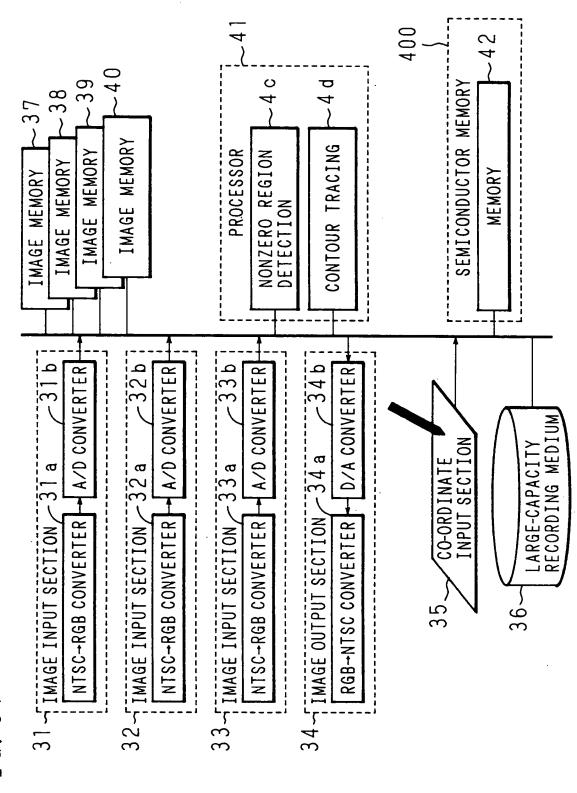
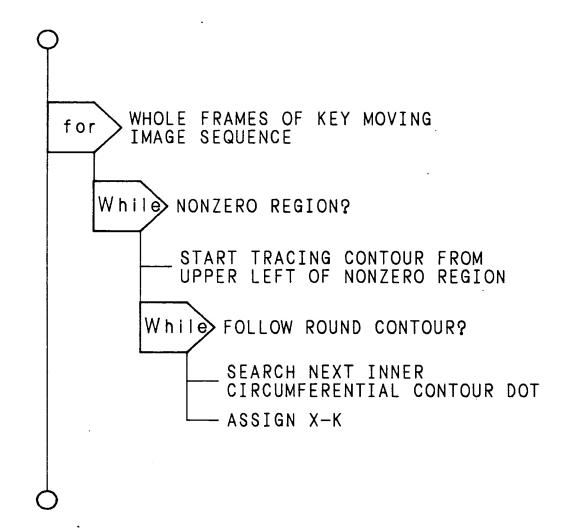


FIG. 37

FIG. 38



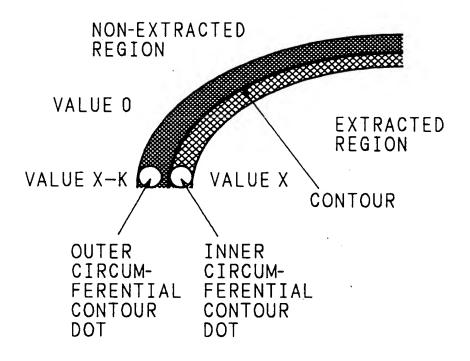
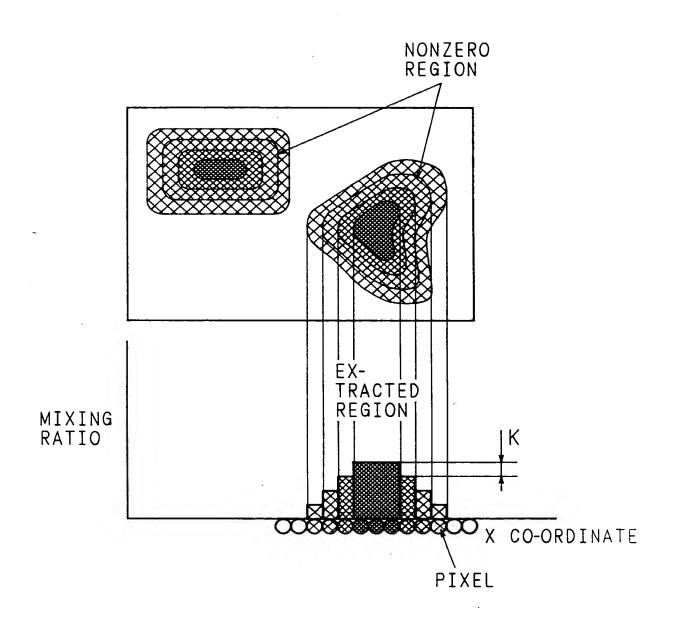


FIG. 40



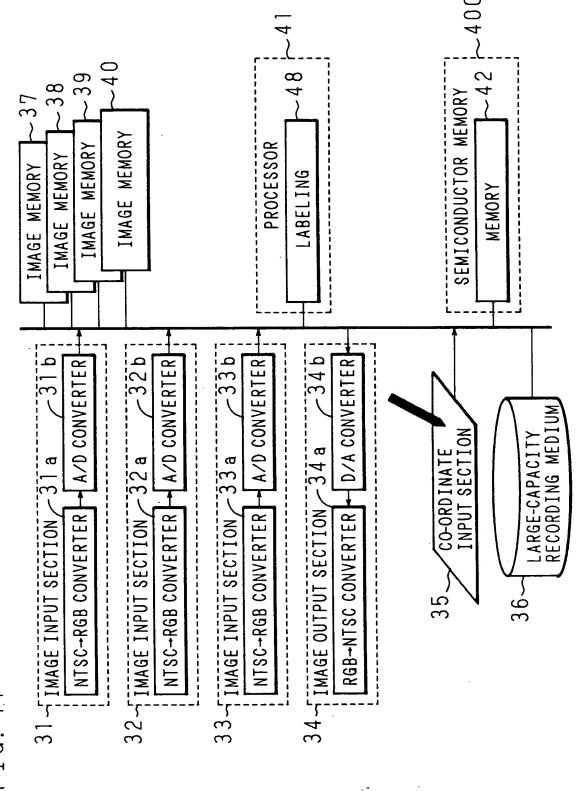


FIG. 41

FIG. 42

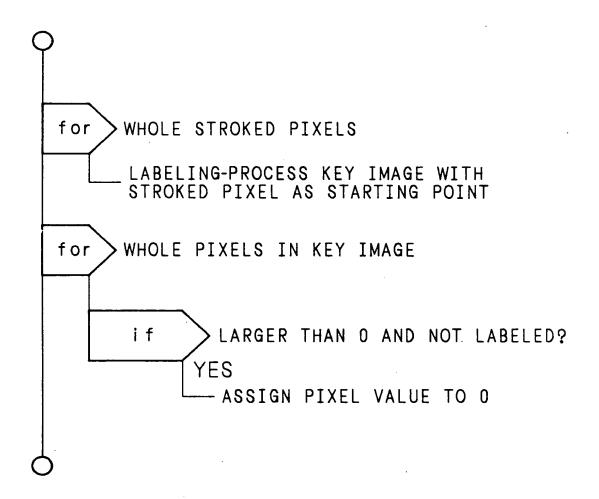


FIG. 43A

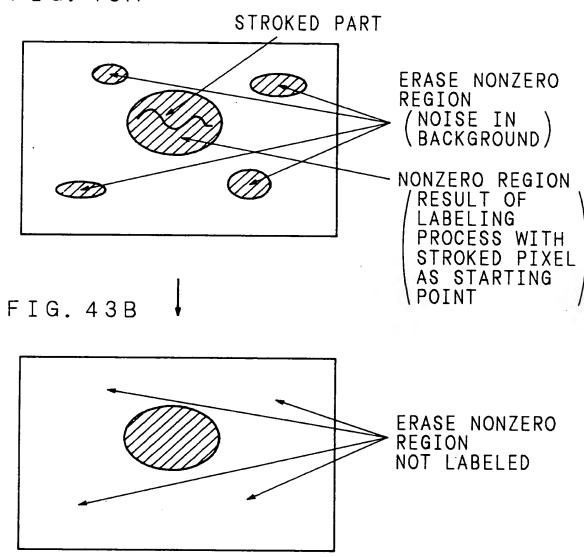
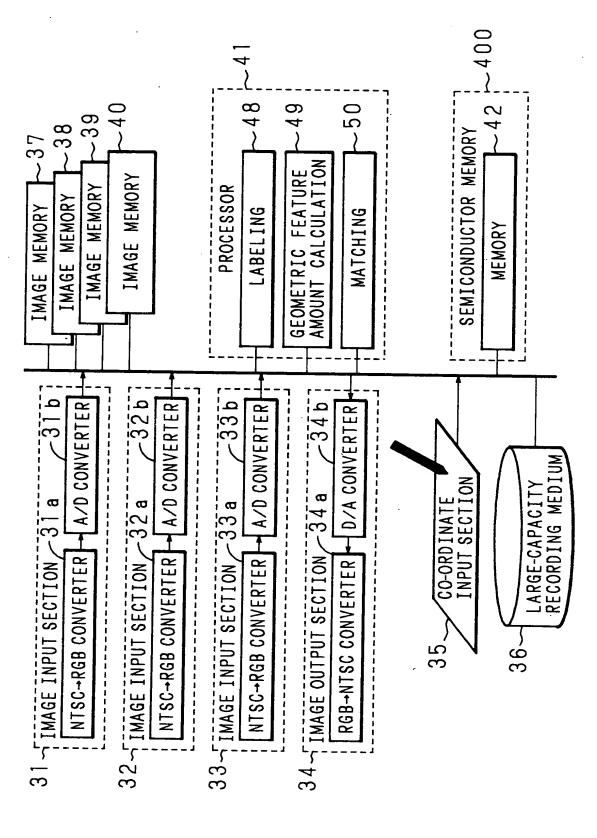


FIG. 44



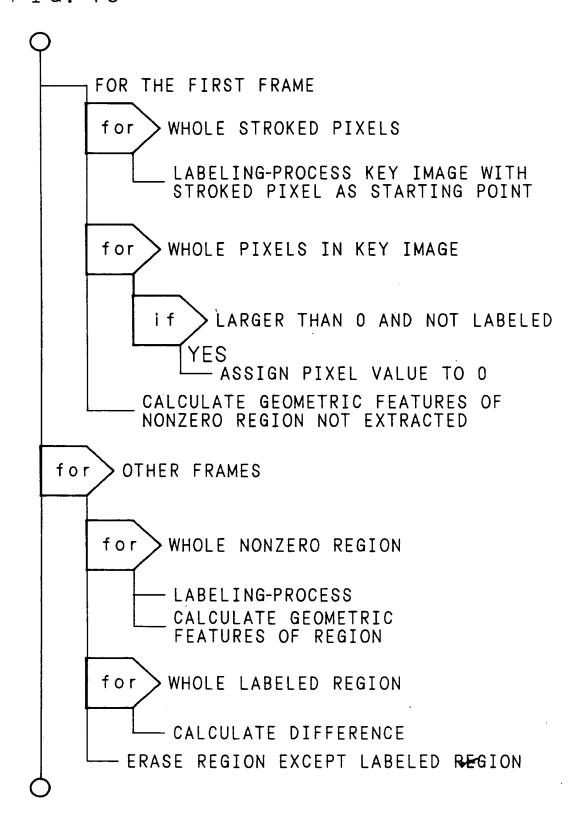
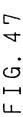
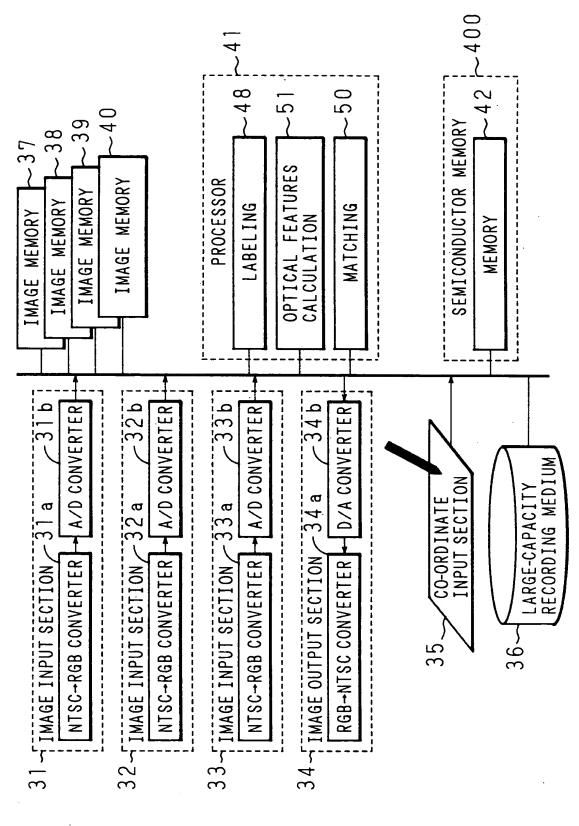


FIG. 46A FOR THE FIRST FRAME STROKED PART **ERASE** NONZERO REGION NOT LABELED CALCULATE GEOMETRIC FEATURES OF LABELED REGION FIG. 46B FOR THE SECOND FRAME AND AFTER THAT CALCULATE GEOMETRIC FEATURES OF EACH NONZERO REGION FIG. 46C **ERASE REGIONS** EXCEPT REGION CORRESPONDING TO OBJECT REGION IN PRECEDING FRAME





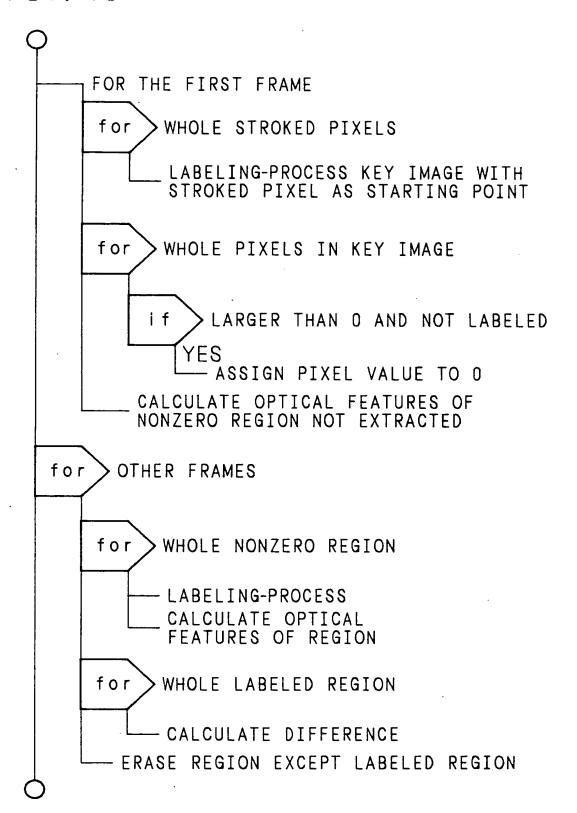


FIG. 49A

FOR THE FIRST FRAME STROKED PART

EF

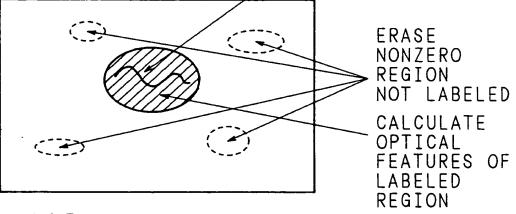


FIG. 49B FOR THE SECOND FRAME AND AFTER THAT

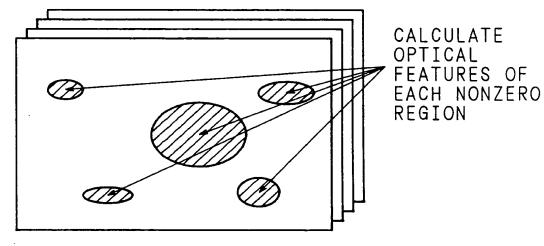
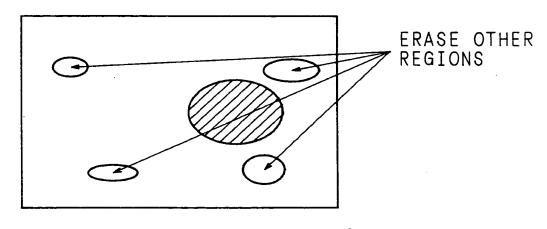


FIG. 49C



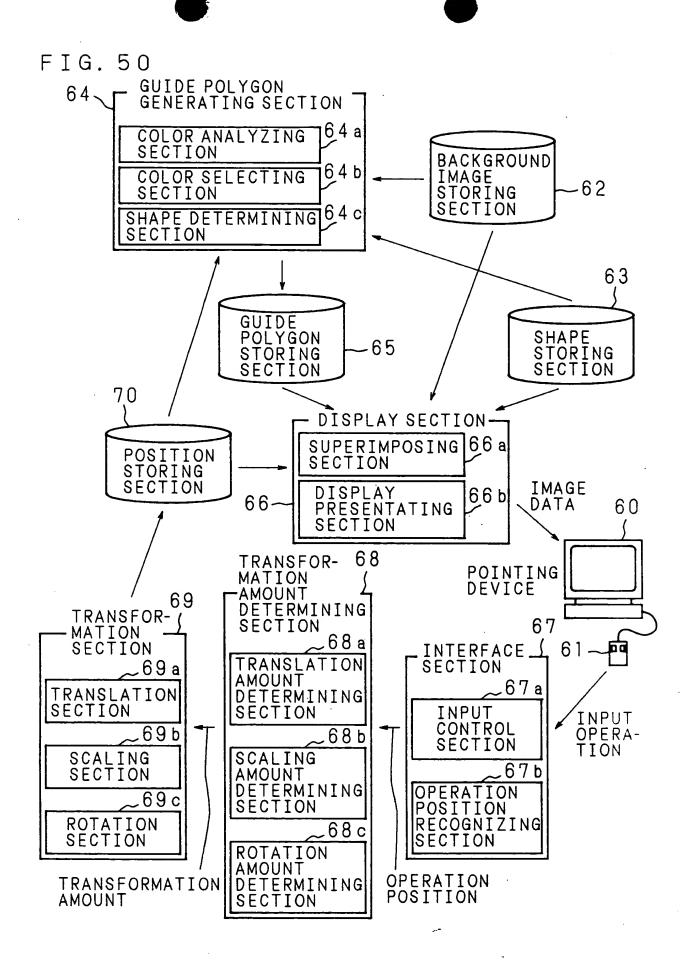
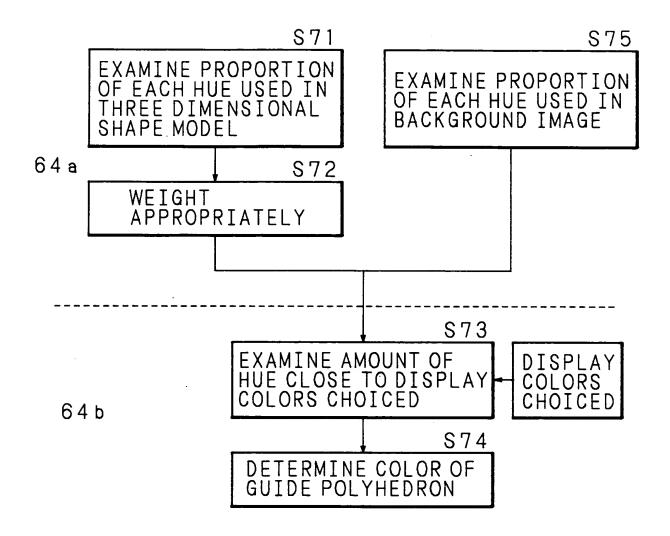


FIG. 51



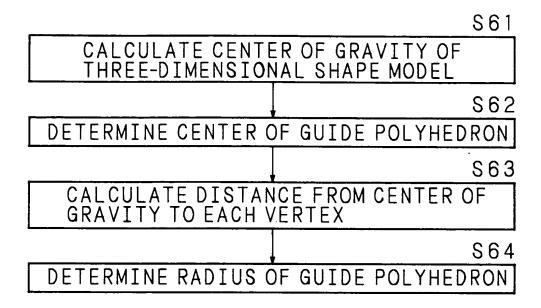


FIG. 53

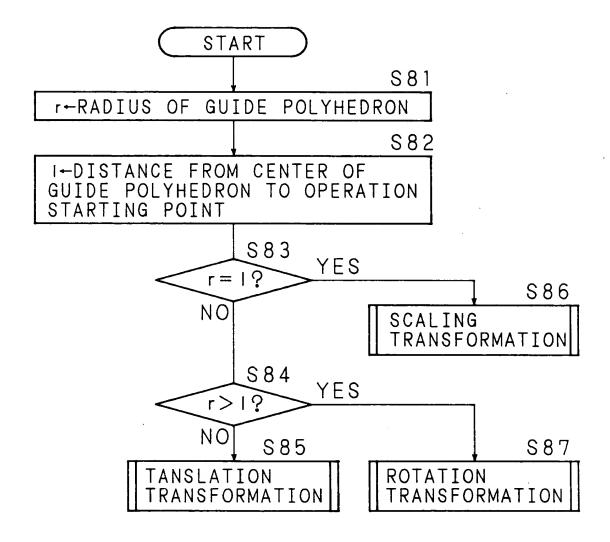


FIG. 54

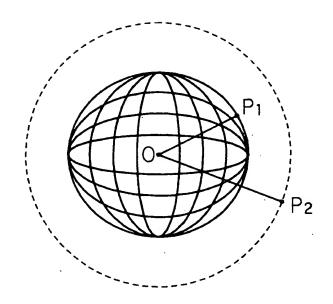


FIG. 55

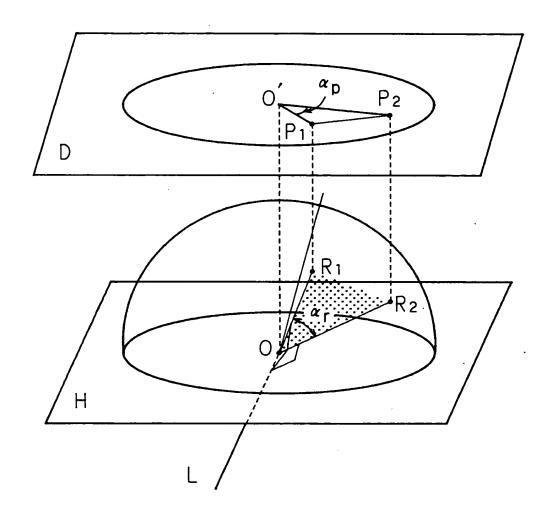


FIG. 56

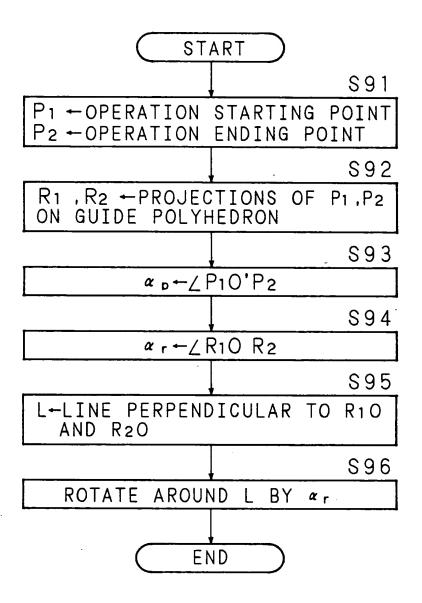
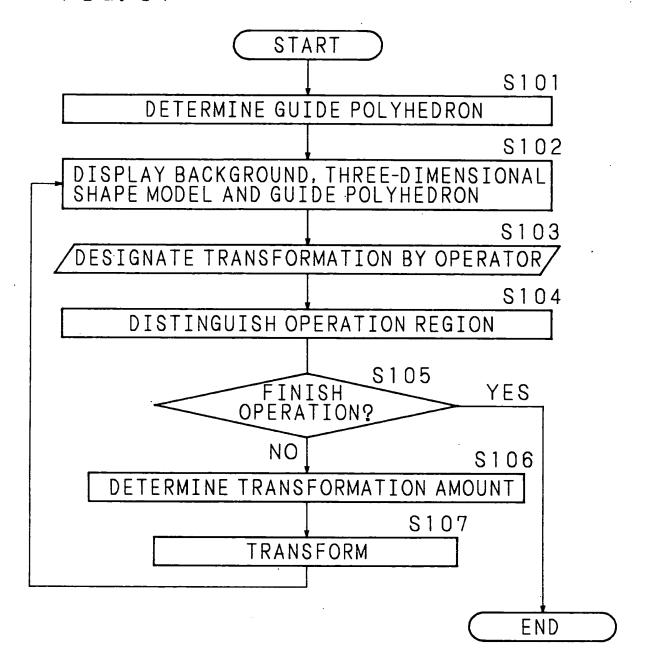
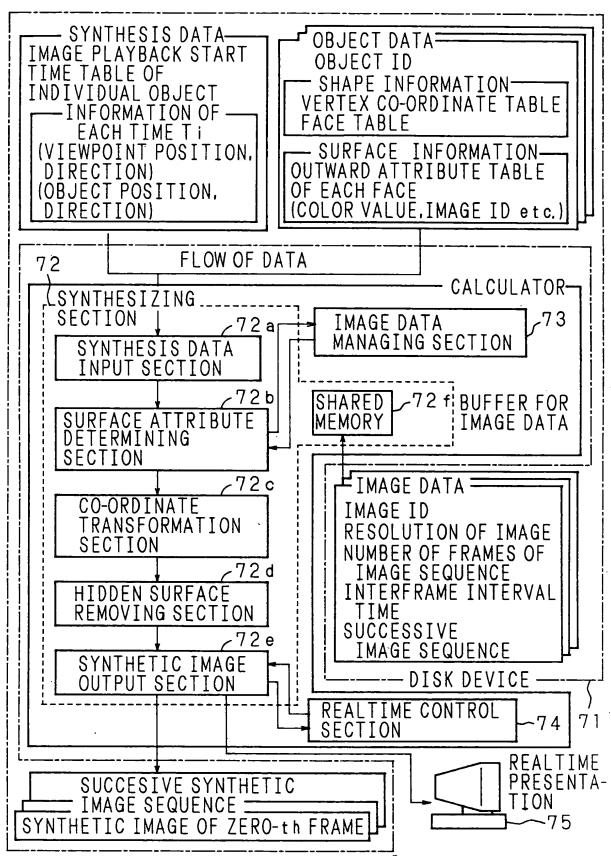


FIG. 57



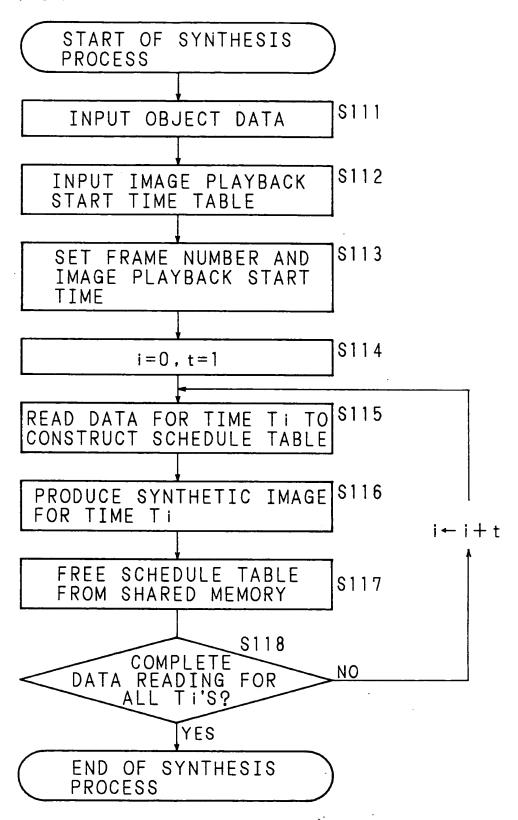


EXAMPLE OF OBJECT 0×40000002 (RECTANGULAR PARALLELEPIPED)	×	7	3 4 5 2		CTION TRANSMISSION ICIENT COEFFICIENT	0.0000000000000000000000000000000000000
SURFACE IMAGE INFORMATION START TIME	POINTER NIL 100	ACE ID VERTEX ID	1 1 2 3 4 4 5 7 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7		DIFFUSION REFLE COEFF	0.6
INFORMATION SUR FACE INF	POINTER	7) × (2)	0000	00	COLOR VALUE(RGB) /POINTER TO IMAGE DATA	255 0 50 0 255 100
CT TABLE SHAPE VERTEX CO-ORDINAT	POINTER	X ID CO-ORDINATE(X, Y	100 100 100 100 100 100		ID START FRAME NUMBER	E-0001 15 E-0002 15 0 E-0004 15 E-0005 15
FIG. 59 OBJE	0 ×80000001 0 ×40000002 0 ×40000003 0 ×00000004	8 VERTEX	O −− ∨ ∞ 4 ™	9 -	6 FACE IMAGE	0 MOVIE-0 2 NIL 3 MOVIE-0 4 MOVIE-0 5 NIL

FIG. 60

		_							•	•					
OBJECT INFORMATION	TION ABOUT UAL OBJECT		ER	LE) //	****				****		~~.	~~	~ ~ ~ ~ 	`	
	- INFORMATIC INDIVIDUAL	Ļ	INI	TO TABL						ROTATION (X,Y,Z)	0 10 0	0 0 0	0 30 10	• • •	0 20 0
	NUMBER OF OBJECT	10	10 /	```10.	0 ,	,,,	10	• • •	•		500	100	20 (100
VIEWPOINT INFORMATION	DIRECTION (X,Y,Z)	0 -1	0 -1	0 -1) 0 -1,//	0 -1) 0 -1 //	•		CENTER (X,Y,Z)	500 500	100 100	100 50	• • •	30 200
	DIF)		0		0 0	0	0,			CT ID	00001	0×40000002	0×40000003	•	0×00000010
	POSITION (X,Y,Z)	200 200 200		200	200 200 17	200 1	200 200 15	• • •		10 OBJECT	0×80000001	0×400	0×400		000×0
TIME OF	CENE SENE SENE SENE SENE SENE SENE SENE						200	•••							
Z		•		-	_				•						

FIG. 61



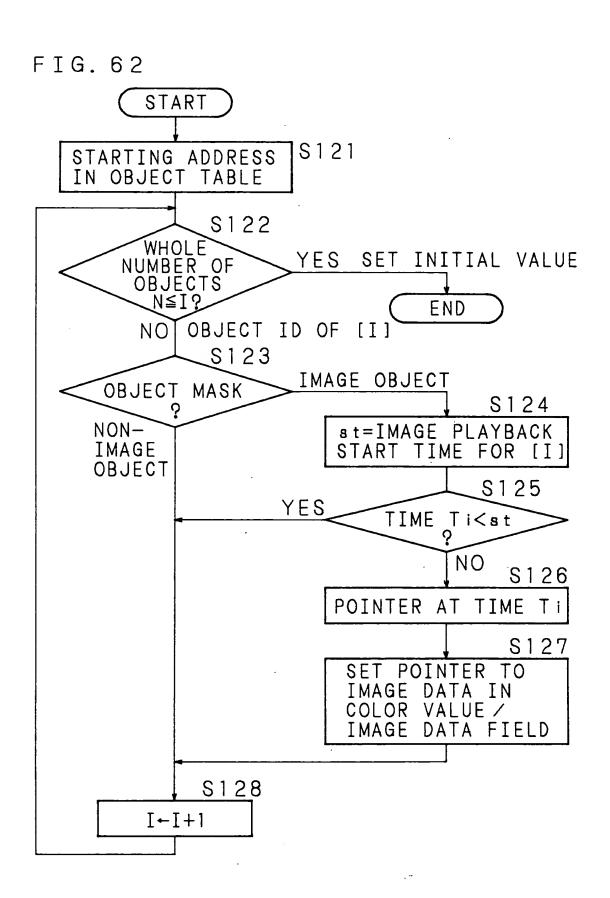


FIG. 63

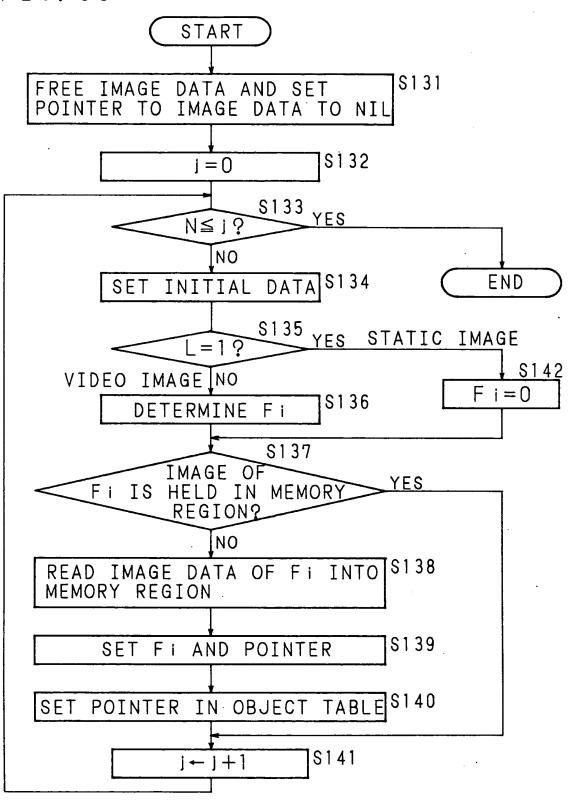


FIG. 64

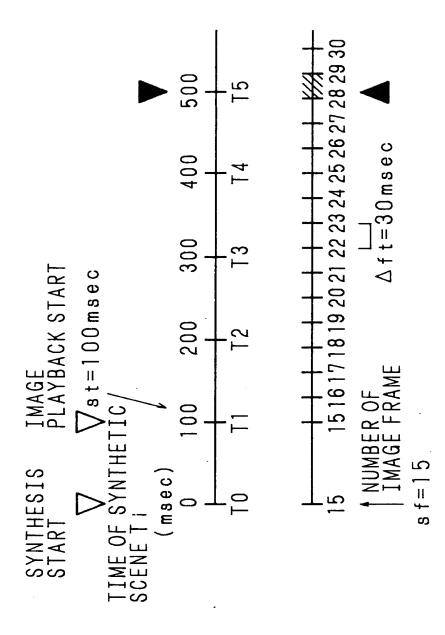


FIG. 65

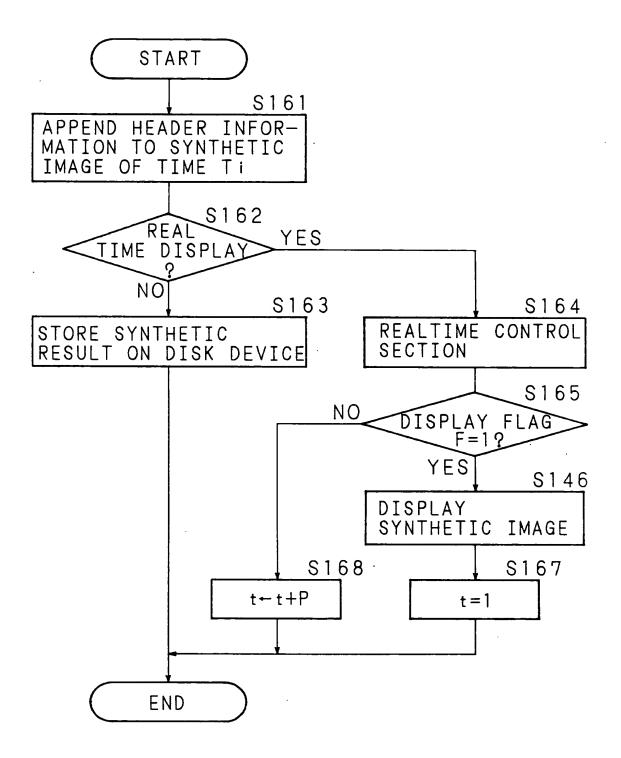


FIG. 66

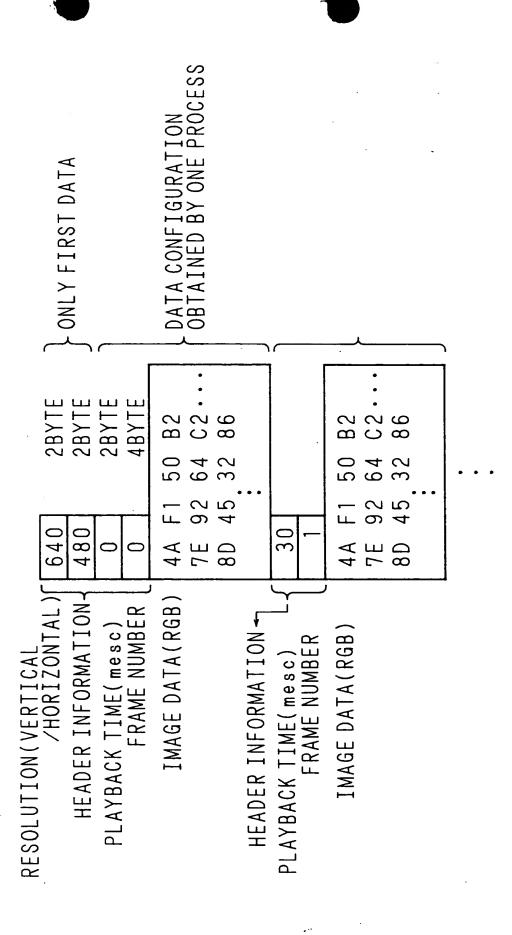


FIG. 67

